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# Reflections on Introducing Educational Technologies to Teachers



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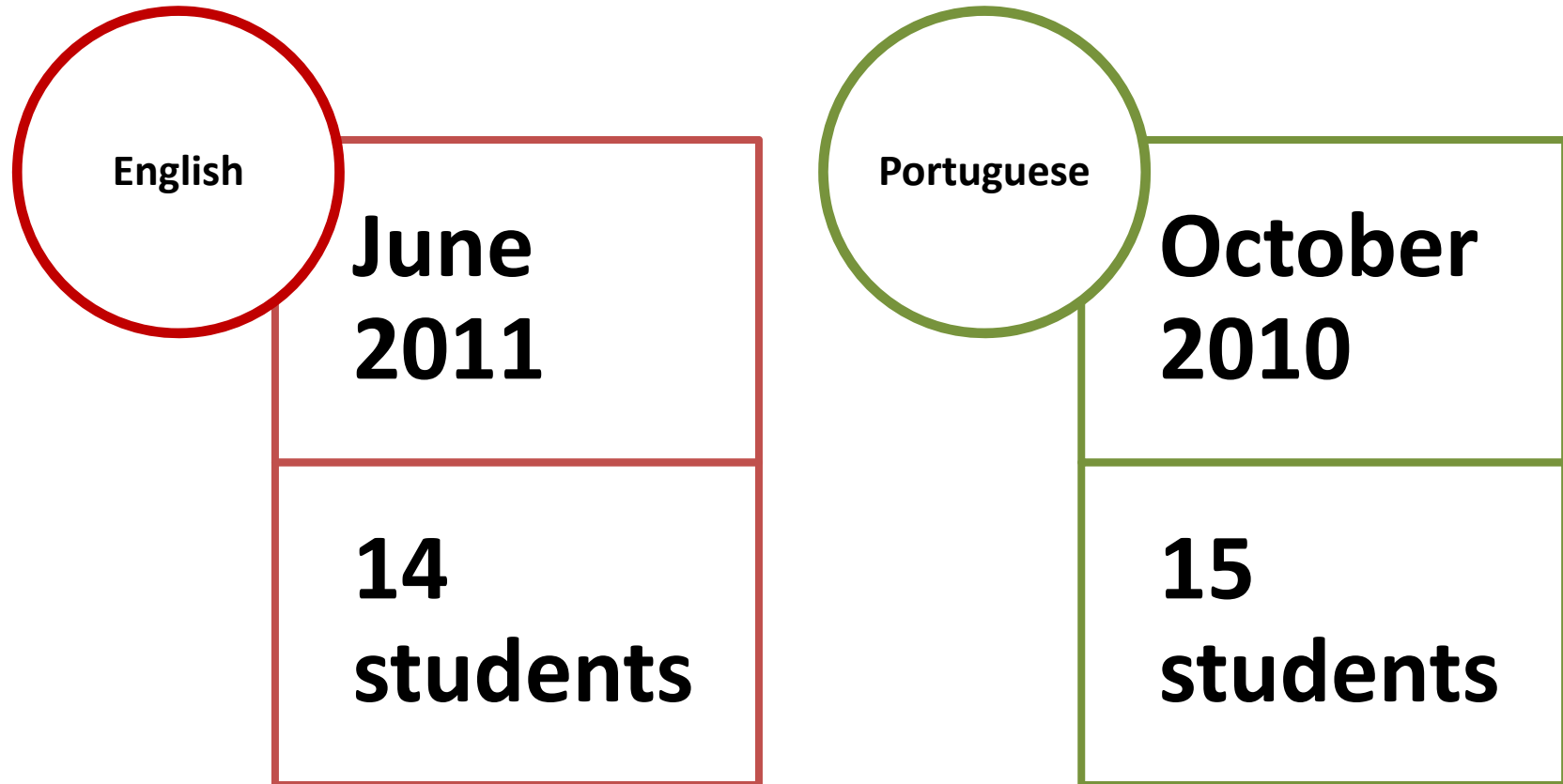
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# Master's in Education Program

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Full-time teachers from primary and secondary schools



# Theoretical Framework

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**Connectivism**

**Digital Media & Artefacts**

**Constructive Alignment**

# Connectivist T/L Activities

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- 1. Aggregation of resources**
- 2. Relation of new knowledge to old**
- 3. Creation of artefacts to show learning**
- 4. Sharing of insights with other learners**

# Learning Outcomes for Digital Age

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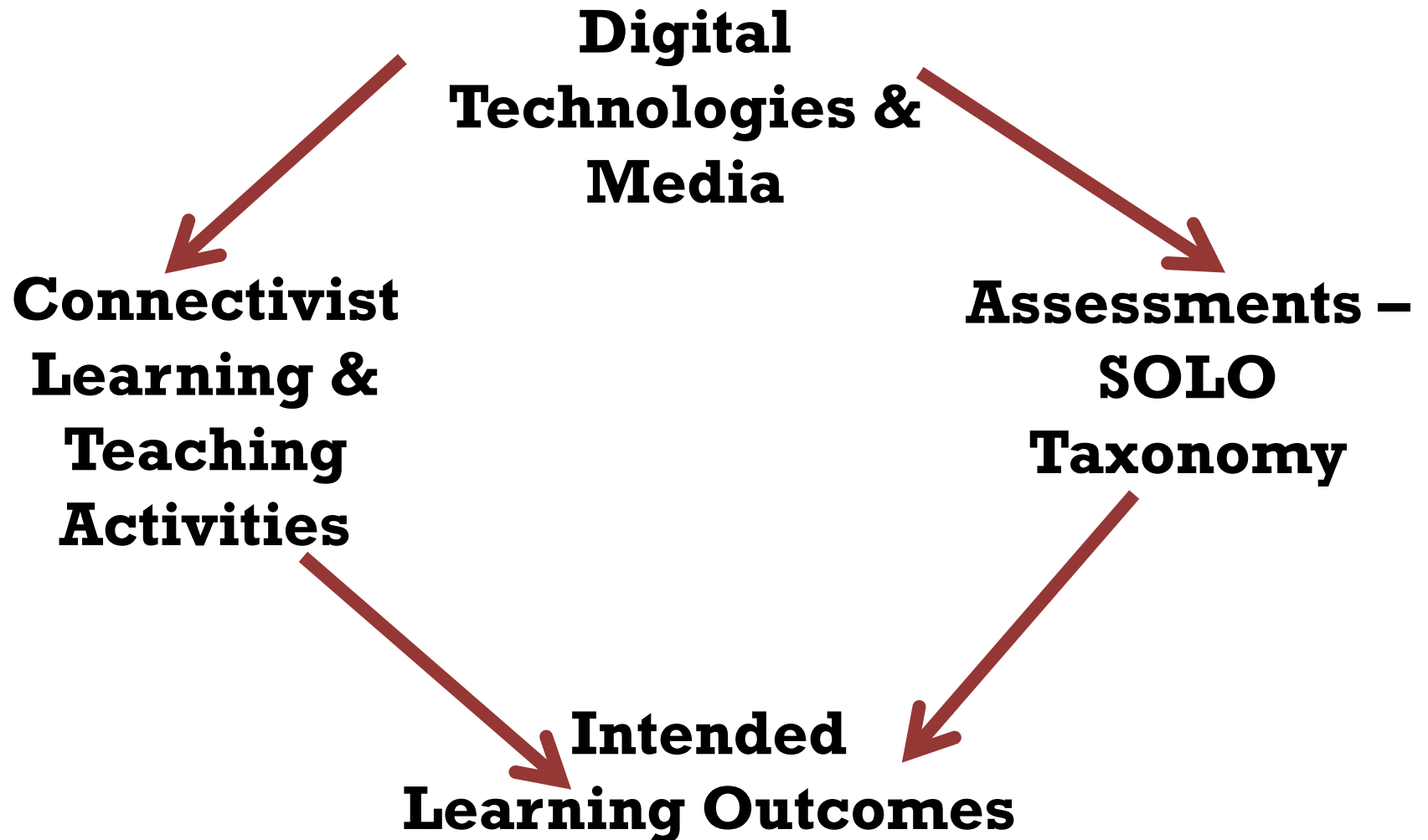
- 1. Interaction with digital media**
- 2. Active engagement in sharing digital artefacts**

**Drawn from:**

- ◆ **Bloom's digital taxonomy**
- ◆ **Taxonomy of the affective domain**
- ◆ **SOLO taxonomy for assessment**

# Constructive Alignment

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# Digital Tools & Activities





# Our Experience

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## Addressing

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- Lectures & demos
  - Pair & team work

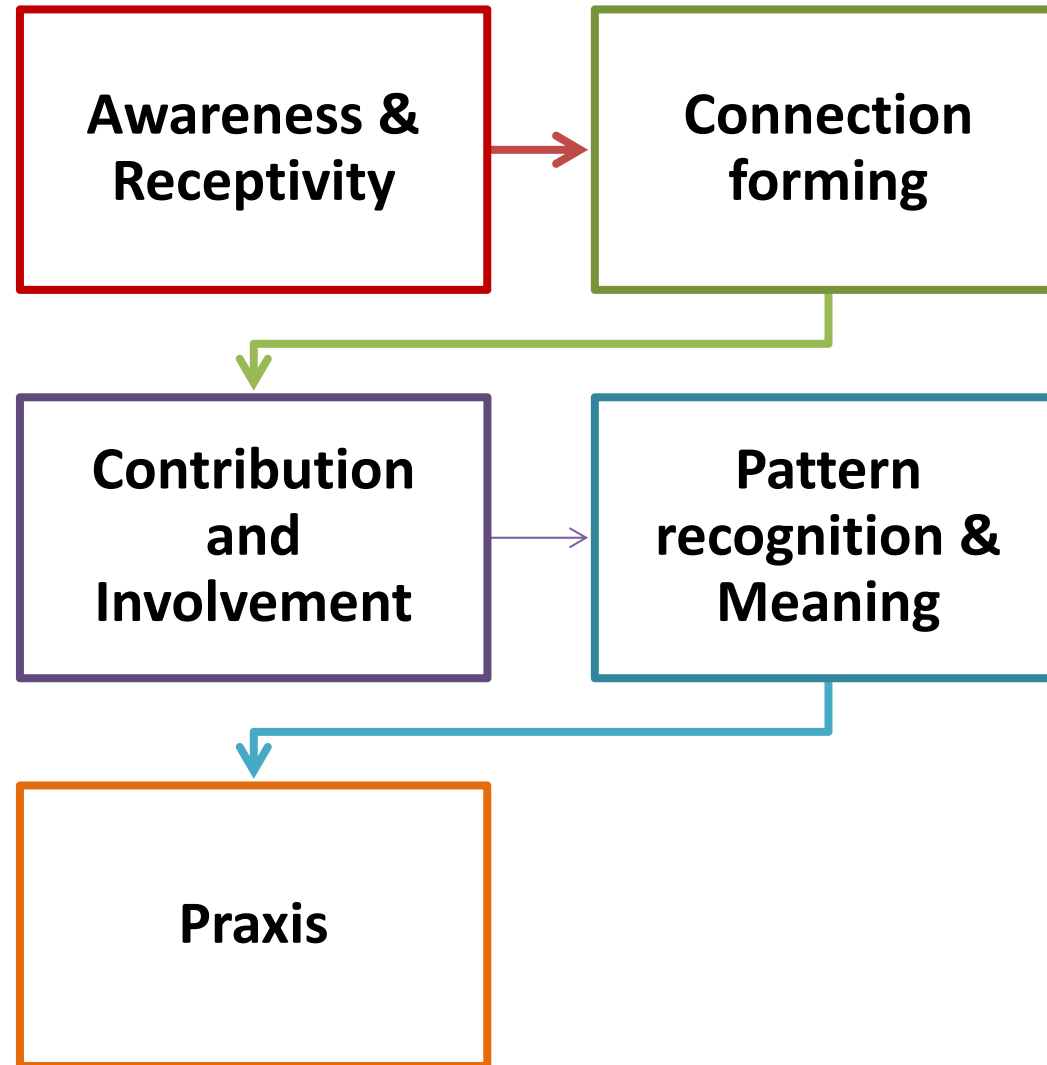
**Learning  
needs**

- Moodle tutorials
- Tutor support
- Feedback

**Disparity  
in skills**

# Our Students' Progress

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# What We Identified

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- \* **Metacognition**
- \* **Active reflection on class activity**
- \* **Critical evaluation of the course**
- \* **Increased confidence with digital tools**
- \* **Transformation of fear of new technologies**

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- \* **Learner anxiety with new technologies**
  - \* **Concerns about group work**

# What We Learned

Level of awareness of digital media

Receptivity towards integration of technology

**Process of learning with technologies**

- ◆ Pay attention to **learner anxiety** with technologies when introducing new digital media.
- ◆ Encourage **collaboration, negotiation, and conflict solving skills.**

# Thank You

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